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BOROUGH OF



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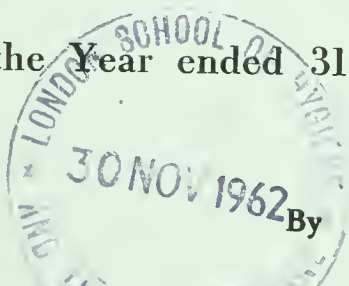


ANNUAL REPORT

OF THE

Medical Officer of Health

for the Year ended 31st December, 1957



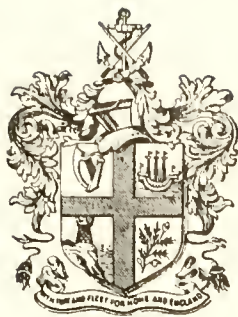
M. L. DUNLOP, M.B., D.P.H.

Medical Officer of Health

1958

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GILLINGHAM

ANNUAL REPORT

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for the Year ended 31st December, 1957

By

M. L. DUNLOP, M.B., D.P.H.

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Health Department,
Municipal Buildings,
Gillingham, Kent.

September, 1958.

To the Mayor, Aldermen and Councillors.

Mr. Mayor, Ladies and Gentlemen,

I have the honour to submit my Annual Report for the year ending 31st December, 1957.

The birth rate was 15.7 per 1,000 of the civilian population compared with 15.4 in 1956.

The death rate was 9.9 per 1,000 of the civilian population and the death rate of infants under one year was 24.9 per 1,000 live births compared with 19.2 in the previous year.

It can again be described as a satisfactory year for infectious diseases. No cases of diphtheria occurred for the ninth consecutive year and fewer cases of Scarlet Fever, which were generally of a very mild type, were notified. There were eight cases of Poliomyelitis, one of which was of the non-paralytic type.

As seems to be the pattern following a very small number of cases of Measles in 1956 a large increase took place, but generally the disease was of a mild nature and no deaths resulted. There was also a comparatively small increase in the number of Whooping Cough cases.

The vaccination of children against Poliomyelitis was commenced on behalf of the County Council during the year. It will be shewn in due course that in 1958 large numbers of children would have been vaccinated.

I would again like to gratefully acknowledge the assistance of my staff.

I am,

Mr. Mayor, Ladies and Gentlemen,

Your obedient servant,

M. L. DUNLOP,

Medical Officer of Health.

STAFF—PUBLIC HEALTH AND EDUCATION DEPARTMENTS

Medical Officer of Health :

*Meta L. Dunlop, M.B., Ch.B., D.P.H.

Assistant Medical Officers : (School Health Service)

A. L. Kelly, B.A., M.B., Ch.B. (part-time).
J. Roffey, M.B., B.S. (part-time).
L. M. Corall, M.B., D.P.H. (part-time).
N. Browne, B.A., M.B., B.Ch. (part-time).

Ophthalmologist : (School Health Service)

J. E. Clark, M.R.C.S., L.R.C.P. (part-time).

Dental Surgeons : (School Health Service)

William C. Griffiths, L.D.S., R.C.S.
N. K. Thorn, L.D.S., R.C.S. (part-time).
D. W. Kyle, B.D.S. (part-time).
J. L. Melville, B.D.S. (part time) (commenced 7/10/57).

Chief Public Health Inspector :

*F. J. Hedgecock, M.R.S.H., M.P.H.I.A., Cert. Inst. Mun. E.

Public Health Inspectors :

*R. C. Langley, M.P.H.I.A.
*F. G. Barney, A.R.S.H., M.P.H.I.A.
*A. G. Brimble, M.P.H.I.A.
*N. Smith, M.P.H.I.A.
*G. J. H. Roscow, A.R.S.H., M.P.H.I.A.

Health Visitors : (School Health Service)

N. Legg, S.R.N., S.C.M., Health Visitor's Cert.
P. W. May, S.R.N., S.C.M., Health Visitor's Cert.
J. Tombleson, S.R.N., S.C.M., Health Visitor's Cert.
E. W. Jordan, S.R.N., S.C.M., Health Visitor's Cert.
D. G. Purt, S.R.N., S.C.M., Health Visitor's Cert.
H. V. Wilson, S.R.N., S.C.M., Health Visitor's Cert.
L. G. McKillop, S.R.N., S.C.M., Health Visitor's Cert.
A. Keown, S.R.N., S.C.M., Health Visitor's Cert.

Chief Clerk :

S. Pett.

Clerks :

J. Clark.
E. Dwyer (resigned 30/9/57).
M. McKeen (commenced 23/9/57).
R. C. Thomas (School Health Service).
B. McCauley.
V. Shepherd.
† P. J. Beer (School Health Service—resigned 6/8/57).
H. Metters (School Health Service—commenced 1/4/57).
J. Bowering (commenced 10/9/57).

Dental Attendants:

L. Scott.
A. E. Turner.

Disinfector :

R. Daniels

Rodent Operative :

W. E. Goodwin.

NOTES.

* Indicates officials to whose salaries contribution is made under Public Health Acts or by Exchequer Grants.

† One-half time to School Health Service., one-half time K.C.C.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area in acres (land, inland water and foreshore)...	11,201
Rateable Value (April, 1957) 	£834,971
The sum represented by a penny rate (1957-58)	£3,461
In 1956-57 the total Rates were 17/8 in the £ (excluding water rates and charges).	

Extracts from Vital Statistics

Total Population (Registrar-General) ...	79,280
---	--------

Live Births

Rate per 1,000 of the estimated resident civilian population 	15.7
--	------

Still Births

Rate per 1,000 total (live and still) births ...	11.9
---	------

Deaths (all causes)

Rate per 1,000 of the estimated civilian population 	9.9
--	-----

Deaths from Puerperal Causes

	Rate per 1,000 total (live and still) births
Puerperal and post abortive sepsis 	0.00
Other Maternal Causes 	0.00
Total 	0.00

Death Rate of Infants Under One Year of Age

All Infants per 1,000 live births 	24.9
Legitimate Infants per 1,000 legitimate live births 	27.1
Illegitimate Infants per 1,000 illegitimate live births 	14.9

Deaths in Public Institutions

Three hundred and twenty-seven or 42 per cent of the total, took place in Institutions.

Natural Increase of Population

This is measured by the excess of births over deaths. The figure for the year 1957 was 462 and for previous years as follows :—

Year								Natural Increase of Population
1948	...	...	...	...	...	...	...	496
1949	...	...	...	...	...	...	...	325
1950	...	...	...	...	...	...	...	237
1951	...	...	...	...	...	...	...	251
1952	...	...	...	...	...	...	...	354
1953	...	...	...	...	...	...	...	332
1954	...	...	...	...	...	...	...	542
1955	...	...	...	...	...	...	...	339
1956	...	...	...	...	...	...	...	386
1957	...	...	...	...	...	...	...	462

Cancer

						Cancer Death Rate.	Percentage of Total Deaths	
1948	...	...	...	...	...	2.4	...	19.9
1949	...	...	...	...	...	2.1	...	15.9
1950	...	...	...	...	...	1.8	...	16.4
1951	...	...	...	...	...	1.6	...	14.6
1952	...	...	...	...	...	1.8	...	18.4
1953	...	...	...	...	...	1.6	...	17.1
1954	...	...	...	...	...	1.8	...	21.8
1955	...	...	...	...	...	1.7	...	18.2
1956	...	...	...	...	...	1.8	...	17.5
1957	...	...	...	...	...	1.9	...	19.8

Violence

Deaths from motor vehicle accidents numbered 8, from suicide 13 and from “all other accidents” 15.

PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES

Smallpox

No cases were notified during 1957.

Scarlet Fever

Notifications numbered 20. Three cases were removed to hospital. There were no deaths.

Diphtheria

No cases were notified.

TABLE SHOWING NOTIFICATIONS OF DIPHTHERIA
From 1918 to 1957

Period	No. Notified	Deaths Registered.
1918-27	78 (Avg.)	—
1928	213	10
1929	179	17
1930	42	1
1931	19	1
1932	8	—
1933	17	1
1934	52	4
1935	27	5
1936	17	2
1937	42	1
1938	157	4
1939	86	1
1940	28	1
1941	5	—
1942	7	—
1943	3	—
1944	3	—
1945	2	—
1946	2	—
1947	NIL	—
1948	4	—
1949	NIL	—
1950	NIL	—
1951	NIL	—
1952	NIL	—
1953	NIL	—
1954	NIL	—
1955	NIL	—
1956	NIL	—
1957	NIL	—

**IMMUNISATION AGAINST DIPHTHERIA,
VACCINATION AGAINST SMALLPOX AND
POLIOMYELITIS, 1957.**

Immunisation Against Diphtheria, 1957.

The following is a return of the number of children resident in the Borough who were immunised against diphtheria during the year ended 31st December, 1957 :—

<i>Year of Birth</i>	<i>Primary Inoculations</i>	<i>Re-inforcing Inoculations</i>
1957	122	—
1956	553	—
1955	118	1
1954	36	4
1953	24	6
1952	17	218
1951	41	168
1950	4	24
1949	38	138
1948	15	134
1947	46	269
1946	11	175
1945	—	5
1944	2	1
1943	—	2
	<hr/> 1,027 <hr/>	<hr/> 1,145 <hr/>

The following table shows the number of children under the age of 15 years on 31st December 1957, who had completed a course of immunisation at any time before that date (i.e., at any time since 1st January 1943).

<i>Year of Birth</i>	<i>Last complete course of injections (primary or booster)</i>	<i>1952 or earlier</i>
	1953-1957	
1943	269	505
1944	219	696
1945	674	340
1946	803	400

Immunisation Against Diphtheria 1957—*continued.*

1947	1,006	179
1948	715	249
1949	775	381
1950	628	351
1951	759	266
1952	861	46
1953	771	—
1954	782	—
1955	729	—
1956	674	—
1957	122	—
	<hr/> 9,787	<hr/> 3,413

Vaccination Against Smallpox, 1957

The following is a return of the number of persons who were vaccinated against smallpox during the year ended 31st December 1957.

<i>Year of Birth</i>	<i>Primary Vaccination</i>	<i>Re-Vaccination</i>
1957	398	—
1956	293	—
1955	20	2
1954	12	1
1953	9	1
1952	5	3
1951	6	3
1950	2	3
1949	6	—
1948	4	—
1947	6	2
1946	8	1
1945	3	3
1944	2	—
1943	1	1
Before 1943	35	59
	<hr/> 810	<hr/> 79

Poliomyelitis Vaccination, 1957

The following table gives the numbers of children resident in the Borough who received a course of two injections against poliomyelitis during the year ended 31st December, 1957:—

Poliomyelitis Vaccination, 1957—*continued*.

Year of Birth

1947	...	...	...	...	...	...	367
1948	...	...	...	...	...	...	360
1949	...	...	...	...	...	...	358
1950	...	...	...	...	...	...	318
1951	...	...	...	...	...	...	100
1952	...	...	...	...	...	...	55
1953	...	...	...	...	...	...	75
1954	...	...	...	...	...	...	45
1955	...	...	...	...	...	...	1
1956	...	...	...	...	...	...	—
1957	...	...	...	...	...	...	—
							<hr/> 1,688 <hr/>

Puerperal Pyrexia

3 cases were notified. The patients recovered.

Ophthalmia Neonatorum

No cases were notified.

Enteric Fever Group

No cases were notified.

Dysentery

5 cases were notified.

Anterior Poliomyelitis

8 cases were notified, 1 of which was of the non-paralytic type. There were no deaths.

Pneumonia

102 cases were notified.

Measles and Whooping Cough

			Number of cases notified	Deaths
Measles	...	...	1,158	—
Whooping Cough	...	...	213	—

Disinfections

Houses disinfected by Formalin spraying in connection with tuberculosis cases numbered 52 compared with 79 in the previous year.

Tuberculosis

Notification of new cases :—

				Pulmonary Rate per 1,000 of population	Non-Pulmonary Rate per 1,000 of population
1948	...	...	...	1.05	0.3
1949	...	...	...	1.07	0.2
1950	...	...	...	0.86	0.1
1951	...	...	...	0.8	0.1
1952	...	...	...	0.9	0.1
1953	...	...	...	1.4	0.1
1954	...	...	...	0.8	0.1
1955	...	...	...	0.8	0.05
1956	...	...	...	0.9	0.04
1957	...	...	...	0.8	0.1

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS 1930

					Pulmonary	Non- Pulmonary	Total
Number on Register at 1st January,							
1957	...	...	...	...	609	79	688
Number on Register at 31st Decem- ber, 1957	...	...	...	...	602	75	677

Notifications

Table compiled from local records, giving details with regard to sex, age, etc., of notified new cases during 1957.

Age Periods	New Cases			
	Respiratory		Non- Respiratory	
	M.	F.	M	F.
Under 5 years	—	3	—	—
5—14 years	3	1	1	—
15—24 „	7	8	—	3
25—44 „	8	9	1	2
45—64 „	12	1	—	1
65 and over	4	5	—	—
Total ...	34	27	2	6

Tuberculosis Death Rate

The following table is inserted for purposes of comparison :

Year	Death Rates per 1,000 of Population		
	All Forms	Pulmonary	Non-Pulmonary
1948	0.61	0.55	0.06
1949	0.50	0.47	0.03
1950	0.39	0.33	0.06
1951	0.36	0.31	0.05
1952	0.21	0.16	0.05
1953	0.16	0.13	0.03
1954	0.09	0.09	0.00
1955	0.03	0.02	0.01
1956	0.10	0.08	0.02
1957	0.07	0.06	0.01

Particulars of patients from the Gillingham Area dealt with at the Chest Clinic, during 1957.

(These figures were kindly supplied by Dr. S. R. C. Price, Chest Physician).

	Adults		Children		Total	
	M.	F.	M.	F.	M.	F.
Pulmonary	35	28	5	3	40	31
Non-pulmonary ...	—	3	1	—	1	3
Total	35	31	6	3	41	34

Total attendances numbered 2,493.

Number of patients sent to Sanatoriums or Hospitals—66.

Venereal Diseases

I am indebted to Dr. C. D. Routh, Director of the Medway and Gravesend Hospital Management Committee's Special Clinic in Rochester, for the subjoined figures.

New Patients—Gillingham :

			Male	Female	Total
Syphilis	...	...	2	4	6
Gonorrhœa	...	...	9	10	19
Non-Venereal	...	...	37	29	66
Totals			48	43	91

Attendances of Gillingham patients—856

Infant Mortality

Deaths of infants under 1 year numbered 31, which represents an infant mortality rate of 24.9 per 1,000 births.

The rate for England and Wales was 23.0 per 1,000 relative live-births.

Maternal Mortality

There were no deaths associated with pregnancy.

ANALYSIS OF INFANT DEATHS DURING 1957

CAUSE OF DEATH (Local register)	AGE AT DEATH									
	Under 1 week	1 and under 2 weeks	2 and under 3 weeks	3 and under 4 weeks	Total under 1 month	1 and under 3 months	3 and under 6 months	6 and under 9 months	9 and under 12 months	Total under 1 year
Prematurity	5	—	—	1	6	—	—	—	—	6
Pneumonia	—	—	1	—	1	2	1	—	—	4
Bronchitis	1	—	—	—	1	—	—	2	—	3
Meningitis	—	1	—	—	1	—	—	—	—	1
Atelectasis	4	—	—	—	4	—	—	—	—	4
Congenital malformations	3	1	—	—	4	3	—	—	—	7
Other causes	2	—	—	—	2	—	1	3	—	6
ALL CAUSES	15	2	1	1	19	5	2	5	—	31

ANALYSIS OF BIRTHS AND INFANT DEATHS FOR THE YEARS 1948 TO 1957

	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957
Number of still births	25	15	21	33	30	20	23	28	22	15
Number of neo-natal deaths	21	28	23	20	23	19	19	23	15	19
Total number of still births and neo-natal deaths	46	43	44	53	53	39	42	51	37	34
Number of deaths of infants 1 to 12 months of age	14	14	14	10	3	9	12	14	8	12
Number of live births	1261	1154	1046	1065	1104	1050	1103	1093	1199	1245
Number of still births	25	15	21	33	30	20	23	28	22	15
Total live and still births	1286	1169	1067	1098	1134	1070	1126	1121	1221	1260

MORTALITY RATES CALCULATED PER 1,000 LIVE AND STILL BIRTHS

Still births	19	13	20	30	26	19	20	25	18	12
Neo-natal deaths	16	24	21	18	20	18	17	20	12	15
Deaths of infants 1 to 12 months of age	11	12	13	9	3	8	11	12	6	9
Still births and all deaths up to 1 year	47	49	54	57	49	45	48	58	37	36
Infant mortality per 1,000 live births	28	36	35	28	23	27	28	34	19	25

SANITARY CIRCUMSTANCES OF THE AREA

Water Supply.

Is provided by the Medway Water Board and thirty-eight samples were taken during the year; 14 from the Gillingham area and 24 from the Rainham area. All proved satisfactory.

22,855 dwellings are supplied directly from the mains, this is 99.9⁰/₁₀₀ of the total number of dwellings in the Borough, which consist of :—

Houses	...	...	...	...	...	21,712
Houses, business premises and shops	...					1,071
Licensed houses	...	...	...	...		82
Boarding houses	...	...	..	...		5
						<hr/>
Total dwellings	...	...	...	...	...	22,870
						<hr/>

Drainage and Sewerage.

The district is main drained to a sewage works situated within this Borough at Motney Hill. The sewage disposal plant is also used jointly by the Rochester and Chatham authorities.

Extension of the main sewers has continued during the year but this generally has been for the purpose of estate development.

Certain isolated parts of the district remain unsewered and for the houses in these areas a cesspool emptying service is provided.

Refuse Disposal.

The collection and disposal of house and trade refuse is administered by the Borough Engineer. There is a fleet of modern vehicles. Disposal takes place, by controlled tipping, in a chalk quarry in a residential section of the district. Great care is exercised in order to prevent any circumstance arising that might be detrimental to public health. The department's rodent operative has carried out routine test baiting during the year, no major infestation has been indicated.

Public Health Inspection.

This portion of the report has been prepared by Mr. F. J. Hedgecock, Chief Public Health Inspector.

Foreword.

I am able to report that the progress regarding food hygiene continued to be highly satisfactory during the year.

Some families continue to live in premises that are grossly unfit for human occupation, this is mainly due to the inability to re-house the occupants at the required rate.

It is a matter of comment that many houses in Gillingham, particularly in the north-west area of the borough, have no bathrooms and in some instances the sanitary accommodation is situated at the end of gardens. Little advantage has been taken of Improvement Grants and it is a matter of some importance that whereas general amenities are being raised by scientific advancement, masses of the population still have to manage without a weekly bath as there are no suitable facilities available. This is particularly noticeable where there are large families and it is often found that even the abbreviated "washing down" at the kitchen sink is denied these people owing to lack of privacy in the houses concerned.

It would appear that some specified standard might be desirable in future housing legislation respecting these essential facilities, in order that it can be assessed whether a house below standard in such necessity, is in all respects fit for human habitation.

Inspection and Supervision of Food.

On the register of food shops there are 612 premises from which food is sold excluding public houses, off licences, chemists and clubs. These comprise as follows:—

- 43 Cafés and Kitchens.
- 32 Fishmongers.
- 33 Bakers, Pastry Cooks and Confectioners.
- 64 Butchers' Shops, including three travelling shops.
- 122 Grocers, including four multiple shops and two travelling shops.
- 65 Fruiterers and Greengrocers.
- 253 General Shops and shops selling sugar confectionery.

Food and Drugs Act, 1955.

Particulars of samples taken by the Public Health Inspectors during the year:—

Article.	No. of Samples.	Article.	No. of Samples.
Aspirin ...	1	Ice Cream ...	6
Apple Pectin ...	2	Jam ...	1
Arrowroot ...	2	Liquid Paraffin ...	1
Butter ...	3	Luncheon Meat ...	13
Biscuits ...	2	Lemonade Powder ...	1
Beverages ...	2	Meat Pie ...	1
Baking Powder ...	2	Milk ...	52
Bicarbonate of Soda ...	1	Meat and Fish Pastes ...	8
Custard etc., Powders ...	10	Margarine ...	2
Cake, Pudding etc., Mixes ...	12	Milk Powder ...	1
Cheese ...	1	Marzipan ...	1
Cough Mixture ...	3	Mince-meat ...	1
Coffee ...	5	Mixed Spices ...	2
Cream ...	3	Milk Pudding ...	1
Condensed Milk ...	2	Pepper ...	3
Creamed Rice ...	1	Rice Cremola ...	1
Cooking Fat ...	1	Spreads ...	4
Camphorated Oil ...	1	Sweets ...	11
Canned Vegetables ...	9	Sauces and Condiments ...	20
Canned Meats ...	11	Sterilised Milk ...	1
Dried Fruit ...	1	Sausages ...	7
Evaporated Milk ...	1	Soups ...	4
Flavouring Essences ...	2	Skimmed Milk ...	1
Flour ...	1	Syrup of Figs ...	1
Friars Balsam ...	1	Savoury Food Mix... ...	1
Ground Ginger ...	3	Soft Drinks and Cordials ...	8
Glycerine ...	1	Table Jelly ...	5
Glauber Salts ...	1	Tapioca ...	1
Ground Almonds ...	2	Tinned Crab ...	2
Ground Cinammon ...	1	Vinegar ...	10

Total number of samples taken 259.

These were analysed by the Public Analyst and no samples were certified as adulterated.

The subjoined table shows the premises on the registers and the number of inspections made.

	On Register 31st Dec.	No of visits during 1957
Bakehouses	9	50
Dairies and Milk Distributors Retailers of bottled sterilised milk	16 176	564
Fried Fish Shops	25	
Pressed and Preserved Meat Premises	63	43
Premises registered for Ice Cream:—		
(a) Sale... ..	268	586
(b) Manufacture	8	

Carcases Inspected and Condemned.

	Cattle exclud- ing Cows	Cows	Calves	Sheep and Lambs	Pigs	Total
Number inspected ...	18	2	12	250	749	1,031
All Diseases except Tuber- culosis—						
Whole carcases condemned	—	—	—	—	4	4
Carcases of which some part or organ was condemned	2	—	1	15	139	157
Percentage of the num- ber inspected affected with disease other than tuberculosis ...	11.1	—	8.3	6.0	19.0	15.6
Tuberculosis Only—						
Whole carcases condemned	—	—	—	—	—	—
Carcases of which some part or organ was condemned	2	—	—	—	3	5
Percentage of the num- ber inspected affected with tuberculosis ...	11.1	—	—	—	4	18

Unsound Food

Amount of food condemned weighed 2 tons 19 cwt and 58 lbs. This included tinned foods, flour, cheese and hams.

Housing Summary

1. Inspection of dwelling-houses during the year :—

(1)	(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	1094
	(b)	Number of inspections made for the purpose	4499
(2)	(a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Regulations	332
	(b)	Number of inspections made for the purpose	699
(3)		Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	32
(4)		Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	35

2. Remedy of defects during the year without service of formal notices :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the local authority or their officers	162
--	-----

3. Action under statutory powers during the year :—

(a) Proceedings under Public Health Acts :—

(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	291
(2)	Number of dwelling-houses in which defects were remedied after service of formal notices :	

(a)	By owners	137
(b)	By local authority in default of owners	5

(b) Proceedings under Housing Act :—

(1)	Demolition Orders	9
(2)	Closing Orders	21
(3)	Undertakings not to re-let for human habitation	2
(4)	Houses demolished during 1957 as the result of formal action under the Act ...	9

Preliminary and Abatement Notices

During the year the following notices were served :—

Informal Notices for the abatement of various nuisances	275
Abatement Notices concerning various nuisances (Section 93 of the Public Health Act, 1936) ...	3
Section 24 of the Public Health Act, 1936 (Maintenance of a public sewer)	98
Section 39 of the Public Health Act, 1936 (Defective sanitary appliance)	7
Section 44 of the Public Health Act, 1936 (Construction of W.C.)	—
Section 45 of the Public Health Act, 1936 (Notice to repair defective closet)	1
Section 50 of the Public Health Act, 1936 (Leaking Cesspools)	—
Gillingham Corporation Act, 1931, Section 72, respecting choked or defective drains	14
Section 56 of the Public Health Act, 1936 (Yard Paving)	—
Section 75 of the Public Health Act, 1936 (Provision of Dustbins)	7
Section 9 of the Housing Act, 1936 (notice to execute works).	35
Total	440

Nuisances Abated

Water Closets :

Wash basins provided	—
New pans and traps fitted	13
Water closets re-built	—
New water closets constructed	—
Water closet fittings repaired (water)	30
Water closet seats, doors, floors, brickwork repaired...	39

Water Supply :

Pipes repaired	2
Internal supply provided	—

Yards :

Drained and paved with cement concrete	11
---	----

Sinks and Baths :

Glazed stoneware sinks fixed	11
Sink waste pipes provided and fixed	18

Drainage :

Drains repaired	126
Subsidiary sewers cleared by Health Department ...	593
Inspection chambers repaired	32
Cesspools emptied by Health Department	431

Dampness :

Roofs repaired and made watertight	136
Eaves guttering and down pipes provided or repaired	106
External walls protected from dampness	96
Internal walls repaired	149
Damp-proof courses inserted	71
Ventilation provided under floors	18
Forecourts paved with cement concrete	—

General

Disused cesspools filled in	—
Accumulation of refuse in yard removed	5
Dangerous cellar flaps repaired	1
Cooking ranges and coppers repaired	28
Sashes, doors, frames, floors, and stairs repaired ...	313
Ceilings repaired and distempered	88
Back additions underpinned and repaired	—
Dustbins provided	15

Factories Acts, 1937 and 1948.

The following Tables give details of the work carried out at factories, and premises used by outworkers.

I. INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH.

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authority	47	70	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	138	532	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises)	—	—	—	—
Totals	185	602	—	—

II. CASES IN WHICH DEFECTS WERE FOUND.

Particulars	Number of cases in which Defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred To H.M. Inspector	By H.M. Inspector	
Want of cleanliness	6	5	—	—	—
Overcrowding ...	—	—	—	—	—
Unreasonable temperature ...	—	—	—	—	—
Inadequate ventilation ...	—	—	—	—	—
Ineffective drainage of floors	—	—	—	—	—
Sanitary Conveniences					
(a) Insufficient ...	—	—	—	—	—
(b) Unsuitable or defective	28	25	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	2	2	—	—	—
Totals	36	32	—	—	—

Premises, Etc., Visited During 1957

	No. of Visits
Milk shops and dairies and retailers of bottled sterilised milk	564
Refreshment houses or premises where food is prepared	4,736
Miscellaneous, including Pet Animals Act, etc. ...	332
Factories, workshops and workplaces	952
Re notified infectious diseases	123
Houses (filthy or verminous)	4
Piggeries and Stables	185
Animals kept so as to be a nuisance	33
Public lavatories	1,318
Drains tested	273
Complaints received	1,376
Total number of visits of all types made by Inspectors during the year	16,044

Merchandise Marks Act.

535 inspections were carried out and these were chiefly in connection with fresh and dried fruits and meat marking, 32 contraventions were observed and these infringements were immediately rectified upon verbal notice and warning being given.

Shops Acts.

1,197 inspections were carried out in order to ensure compliance with the requirements of the Act. On no occasion was it necessary to take statutory action but on many occasions advice was given in respect of the keeping of the various forms and records.

There are 1091 shops on the register.

Prevention of Damage by Pests Act, 1949.

	Rats	Mice
Number of complaints received ...	140	116
Infestations found	131	111
Infestations found on independent investigation	109	45

Action taken :—

Premises treated by Operator ...	240	156
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Sewer Treatment :—

Number of manholes treated ...	359
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Eradication of Bed-Bugs, Disinfections, etc.

The number of houses found to be infested was :—

Council Houses	6
Other Houses	31
Bedding removed and disinfected	37
Total number of rooms sprayed for Bugs, T.B., etc.	149
Total number of articles disinfected	4,331

Table showing:—(a) The distribution in age groups of infectious disease cases notified during 1957.
 (b) The number removed to Hospital.

(Local Records).

NOTIFIABLE DISEASE	CASES NOTIFIED (<i>Diagnosis Corrected</i>)							Removed to Hospital
	YEARS							
	All Ages	Under 5	5-14	15-44	45-64	65 and Over	Age Unknown	
Pneumonia ...	102	17	32	22	12	6	13	4
Erysipelas ...	8	—	2	2	3	1	—	1
Meningococcal Meningitis	—	—	—	—	—	—	—	—
Food Poisoning ...	1	—	—	1	—	—	—	—

Table showing:—(a) The distribution in age groups of infectious disease cases notified during 1957.
(b) The number removed to Hospital.

(Local Records).

NOTIFIABLE DISEASE	CASES NOTIFIED (<i>Diagnosis Corrected</i>)									
	YEARS									
	All Ages	Under 1	1-2	3-4	5-9	10-14	15-24	25 and Over	Age Unknown	Removed to Hospital
Scarlet Fever ...	20	—	2	2	9	7	—	—	—	3
Whooping Cough...	213	12	43	46	100	8	—	1	3	1
Acute Poliomyelitis	8	1	—	—	2	1	—	4	—	8
Measles ...	1158	40	209	275	594	19	8	7	6	—
Ophthalmia Neonatorum ...	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	3	—	—	—	—	—	2	1	—	—
Dysentery	5	1	—	1	2	—	—	1	—	—

Causes of Deaths amongst Civilians, Live and Still Births as provided by the Registrar-General:—

CAUSES OF DEATH						Male	Female	Total
1.	Tuberculosis, respiratory	...	...	...	...	4	1	5
2.	Tuberculosis, other	...	...	...	...	—	1	1
3.	Syphilitic disease	...	...	...	...	3	1	4
4.	Diphtheria	...	...	...	...	—	—	—
5.	Whooping Cough	...	...	...	...	—	—	—
6.	Meningococcal infections	...	...	...	...	1	—	1
7.	Acute Poliomyelitis	...	...	...	...	—	—	—
8.	Measles	...	...	...	...	—	—	—
9.	Other infective and parasitic diseases	...	...	...	...	1	—	1
10.	Malignant neoplasm, stomach	...	...	...	...	11	8	19
11.	Malignant neoplasm, lung, bronchus	...	...	...	...	30	4	34
12.	Malignant neoplasm, breast	...	...	...	...	—	14	14
13.	Malignant neoplasm, uterus	...	...	...	...	—	4	4
14.	Other malignant and lymphatic neoplasms...	...	...	...	...	40	44	84
15.	Leukaemia, aleukaemia	...	...	...	...	5	3	8
16.	Diabetes	...	...	...	...	2	1	3
17.	Vascular lesions of nervous system	...	...	...	...	41	69	110
18.	Coronary disease, angina	...	...	...	...	89	40	129
19.	Hypertension with heart disease	...	...	...	...	12	10	22
20.	Other heart disease	...	...	...	...	41	57	98
21.	Other circulatory disease	...	...	...	...	12	11	23
22.	Influenza	...	...	...	...	9	3	12
23.	Pneumonia	...	...	...	...	25	20	45
24.	Bronchitis	...	...	...	...	26	12	38
25.	Other diseases of respiratory system	...	...	...	...	3	1	4
26.	Ulcer of stomach and duodenum	...	...	...	...	10	1	11
27.	Gastritis, enteritis and diarrhoea	...	...	...	...	2	—	2
28.	Nephritis and nephrosis	...	...	...	...	1	3	4
29.	Hyperplasia of prostate	...	...	...	...	6	—	6
30.	Pregnancy, childbirth, abortion	...	...	...	...	—	—	—
31.	Congenital malformations	...	...	...	...	5	7	12
32.	Other defined and ill-defined diseases	...	...	...	...	27	25	52
33.	Motor vehicle accidents	...	...	...	...	6	2	8
34.	All other accidents	...	...	...	...	8	7	15
35.	Suicide	...	...	...	...	6	7	13
36.	Homicide and operations of war	...	...	...	...	—	1	1
ALL CAUSES						426	359	783
Deaths of Infants under 1 year :—								
Legitimate						15	15	30
Illegitimate						1	—	1
Total						16	15	31
Births				For Infant Mortality, etc.				
LIVE BIRTHS :—				M.	F.	Total		
Legitimate				584	594	1178		
Illegitimate				33	34	67		
Total				617	628	1245		
Still BIRTHS :—								
Legitimate				7	7	14		
Illegitimate				1	—	1		
Total				8	7	15		

SCHOOL HEALTH SERVICE

Under the provisions of the Education Act, 1944, Gillingham is an "excepted district."

Number on School Roll	11,083
Average attendance December, 1957	10,146
"Periodic" cases examined	3,949
Total medical examinations	5,514
Visits to schools by nurses	367
Visits to homes by nurses	98
Inspections by school dentists	7,948
Treated by school dentists	3,357
Percentage of average attendance found verminous	1.8
Percentage of average attendance excluded for verminous conditions	0.3
Total attendances at various clinics (dental excluded)	3,334

Heights and Weights

Age	BOYS			GIRLS		
	Number examined	Average		Number examined	Average	
		Height in inches	Weight in lbs.		Height in inches	Weight in lbs.
4-5 years	78	42.6	42.1	72	42.1	42.1
5-6 "	367	43.3	43.9	376	43.1	43.0
6-7 "	38	46.0	48.7	57	46.0	48.9
7-8 "	2	45.5	53.0	2	49.0	57.5
8-9 "	481	50.3	59.0	436	49.6	59.0
9-10 "	—	—	—	2	49.0	55.5
10-11 "	79	56.3	76.3	58	55.7	79.4
11-12 "	430	68.6	95.0	468	57.0	78.3
12-13 "	138	59.4	94.2	1	63.0	118.0
13-14 "	52	60.5	98.3	—	—	—
14-15 "	262	63.5	115.5	227	63.2	111.2
15-16 "	186	68.9	114.5	67	63.0	111.2

Provision of Milk

Milk is provided free of charge to all school children. During December 9,034 children were supplied with milk each day. This represents 81.5% of the total number of children on the roll.

Infectious Diseases

The following summary gives the number of patients excluded during the years 1948-57 (Private schools included).

				Scarlet Fever Cases	Diphtheria Cases
1948	...	...	...	17	4
1949	...	...	...	42	—
1950	...	...	...	51	—
1951	...	...	...	38	—
1952	...	...	...	119	—
1953	...	...	...	49	—
1954	...	...	...	42	—
1955	...	...	...	22	—
1956	...	...	...	10	—
1957	...	...	...	10	—

Following-up by Nurses

The nurses paid 98 home visits.

Summary of Nurses Work

(1)	Total visits to schools	...	...	...	367
(2)	Attendances at routine medical inspections				212
(3)	Attendances at clinics	...	...	...	539
(4)	Visits to homes	...	...	...	98
(5)	Examination of heads and bodies re cleanliness	...	...	...	13,661
(6)	Notices sent re nits (children not excluded from school)	...	...	...	85
(7)	Notices sent re nits and vermin (children excluded from school)	...	...	...	33

Attendances at Treatment Clinics

			Balmoral Gardens	Rainham	Total 1957	Total 1956
Ringworm	...	...	26	23	49	35
Ear defects	...	...	72	28	100	336
Impetigo	...	...	93	36	129	298
Scabies	...	...	3	3	6	—
Other skin diseases	...	...	83	43	126	173
External eye disease	...	...	263	58	321	328
Other conditions	...	...	917	367	1,284	1,687
			<hr/>	<hr/>	<hr/>	<hr/>
Totals	...	...	1,457	558	2,015	2,857
			<hr/>	<hr/>	<hr/>	<hr/>

Children suffering from the following conditions made first attendances for inspection :—

			Balmoral Gardens	Rainham	Total 1957	Total 1956
Catarrh, sore throats, colds etc.			8	5	13	31
Vermin of head or body, nits, etc.	...	...	24	21	45	72
Ringworm	...	...	4	6	10	9
Impetigo	...	...	21	11	32	63
Scabies	...	...	3	1	4	—
Other skin diseases	...	...	17	18	35	58
Defective vision, sore eyes, etc.			142	49	191	232
Nose and throat diseases	...		3	5	8	11
Tubercular and pretubercular conditions	...	...	—	3	3	4
Chorea	...	...	—	2	2	1
Epilepsy	...	...	—	—	—	—
Ear disease	...	...	17	11	28	43
Heart disease	...	...	1	—	1	6
Rheumatism	...	...	—	—	—	—
Deformities	...	...	20	5	25	24
Convalescents from infectious diseases	...	...	9	3	12	9
Other diseases and defects	...		162	104	266	491
			<hr/>	<hr/>	<hr/>	<hr/>
Totals	...	...	431	244	675	1,054
			<hr/>	<hr/>	<hr/>	<hr/>

Orthoptic Clinic

During the year 25 cases were referred to St. William's Hospital, Rochester for the orthoptic treatment of children suffering from squint.

Nose and Throat Defects

38 children received operative treatment.

Ophthalmic Clinic

The work of the clinic may be summarised thus:—

Sessions held	...	...	...	...	...	57
Number of children examined for first time	...					199
Number of children re-examined			...	...		1,120
Total attendances	...	...	...	...	...	1,319
Glasses prescribed	...	...	...	...		383
Glasses not required or no change necessary	...					835
Referred to hospital	...	...	...	...		25

B.C.G. Vaccination

The vaccination of 13-year-old children was commenced under School Health Service arrangements in October, 1957.

The following summary gives details of the work undertaken:—

Number of sessions	...	...	...	...	...	25
Number Mantoux tested	...	...	...	...		484
Number found to have positive reactions	...			...		58
Number vaccinated	...	...	...	...	...	426

58 children were referred to the Chest Physician who reported as follows:—

50 were found to be normal.

5 already attending Chest Clinic as contacts.

2 to be kept under observation.

1 did not attend.

Handicapped Pupils requiring education at Special Schools or Boarding in Boarding Homes

1957	Blind (1)	Partially sighted (2)	Deaf (3)	Partially deaf (4)	Delicate (5)	Physically handicapped (6)	Educationally subnormal (7)	Maladjusted (8)	Epileptic (9)	TOTAL (10)
In the calendar year :										
A. Handicapped Pupils newly placed in Special Schools or Homes	—	1	—	—	4	1	4	3	—	13
B. Handicapped Pupils newly assessed as requiring education at Special Schools or boarding in Homes ...	—	—	—	—	1	—	7	1	—	9
On or about 31st Jan. 1958 :—										
C. No. of Handicapped pupils from the area—										
(i) attending Special Schools as										
(a) Day Pupils	—	—	—	—	—	—	—	—	—	—
(b) Boarding Pupils ...	1	1	3	2	4	6	16	8	1	42
(ii) boarded in Homes ...	—	—	—	—	—	—	—	—	—	—
(iii) attending independent schools under arrangements made by the Authority	—	—	—	—	—	—	2	—	—	2
TOTAL (C)	1	1	3	2	4	6	18	8	1	44
D. No. of Handicapped Pupils being educated under arrangements made under Section 56 of the Education Act, 1944—										
(i) in hospitals	—	—	—	—	—	1	—	—	—	1
(ii) elsewhere	—	—	—	—	—	—	—	—	—	—
(iii) at home	—	—	—	—	—	3	—	—	—	3
E. No. of Handicapped pupils from the area requiring places in special schools:—										
(i) Day	—	—	—	—	—	—	39	—	—	39
(ii) Boarding	—	—	—	—	4	—	—	6	—	10

Handicapped Pupils requiring education at Special Schools or Boarding in Boarding Homes—continued

Number of children reported during the year :—

(a) under Section 57(3) (excluding any returned under (b))	...	6
(b) under Section 57(3) relying on Section 57(4)	... ..	—
(c) under Section 57(5)	... ..	3

of the Education Act, 1944.

Amount spent on arrangements under Section 56 of the Education Act, 1944, for the education of handicapped pupils in the financial year ended 31st March, 1957 £346

Uncleanliness

The average number of visits by nurses to school departments was 2. Total examinations numbered 13,661 and 188 individual children were found unclean.

The following percentages are interesting :—

Year	Percentage of average attendance found verminous		Percentage of average attendance excluded	
1948	...	10.7	...	2.4
1949	...	8.5	...	2.2
1950	...	8.8	...	2.5
1951	...	6.7	...	2.4
1952	...	5.8	...	0.9
1953	...	4.2	...	0.9
1954	...	2.6	...	0.5
1955	...	1.8	...	0.4
1956	...	1.5	...	0.3
1957	...	1.8	...	0.3

CHILDREN AND YOUNG PERSONS ACT, 1933 EMPLOYMENT OF CHILDREN

**NUMBER OF MEDICAL EXAMINATIONS
BETWEEN 1st JANUARY, 1957 AND 31st DECEMBER, 1957.**

Centre for Examination	No. of Children Examined	No. of Certificates Refused
Balmoral Gardens Gillingham	76	—
Health Centre, Rainham	23	—
Total	99	—

STATISTICAL TABLES

TABLE I

MEDICAL INSPECTION OF PUPILS ATTENDING MAINTAINED PRIMARY AND SECONDARY SCHOOLS

A.—Periodic Medical Inspections

Number of inspections in the prescribed Groups :—

Entrants	...	...	...	...	992
Second Age Group	...	...	...	...	1,035
Third Age Group	...	...	...	...	742
Total					2,769
Additional Periodic Inspections					1,180
Grand Total					3,949

B.—Other Inspections

Number of Special Inspections	...	...	734
Number of Re-Inspections	...	...	831
Total			1,565

C.—Pupils found to require treatment

Group (1)	For defective vision (excluding squint) (2)	For any of the other conditions recorded in Table IIA (3)	Total individual pupils (4)
Entrants	22	217	236
Second Age Group ...	68	117	182
Third Age Group ...	60	64	124
Total (prescribed groups)	150	398	542
Add'n'l Periodic Inspections	73	125	192
Grand Total	223	523	734

D.—CLASSIFICATION OF THE PHYSICAL CONDITION OF PUPILS
INSPECTED IN THE AGE GROUPS RECORDED IN TABLE IA

Age Groups Inspected	Number of Pupils Inspected	Satisfactory		Unsatisfactory	
		No.	% of Col. (2)	No.	% of Col. (2)
(1)	(2)	(3)	(4)	(5)	(6)
Entrants	992	944	95.1	48	4.9
Second Age Group...	1035	999	96.6	36	3.4
Leavers	74 ²	73 ²	98.7	10	1.3
Additional Periodic Inspections ...	1180	1142	96.8	38	3.2
Total ...	3949	3817	96.6	132	3.4

TABLE II

INFESTATION WITH VERMIN

- (i) Total number of individual examinations of pupils
in schools by the school nurses or other authorised
persons 13,661
- (ii) Total number of *individual* pupils found to be
infested 188
- (iii) Number of individual pupils in respect of whom
cleansing notices were issued (Section 54 (2),
Education Act, 1944) —
- (iv) Number of individual pupils in respect of whom
cleansing orders were issued (Section 54 (3),
Education Act, 1944) —

TABLE III
RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION
IN THE YEAR ENDED 31st DECEMBER, 1957
A. PERIODIC INSPECTION

Defect or Disease	Periodic Inspections				TOTAL (including all other age groups inspected)	
	Entrants		Leavers			
	Re-quiring Treatment	Re-quiring Observation	Re-quiring Treatment	Re-quiring Observation	Re-quiring Treatment	Re-quiring Observation
Skin	14	1	10	2	40	5
Eyes—						
a. Vision	22	19	60	1	223	42
b. Squint	14	3	1	—	52	4
c. Other	4	2	2	1	12	5
Ears—						
a. Hearing	14	26	5	2	33	36
b. Otitis Media	1	1	—	—	1	1
c. Other	1	2	—	—	1	3
Nose and Throat ...	45	53	4	1	83	77
Speech... ..	17	15	—	—	19	19
Lymphatic Glands ...	4	6	—	—	5	6
Heart	14	11	—	1	20	15
Lungs	28	5	1	2	33	8
Developmental—						
a. Hernia	2	—	2	—	8	1
b. Other	—	—	—	—	—	—
Orthopaedic—						
a. Posture	2	5	1	2	8	11
b. Feet	42	2	23	2	173	14
c. Other	6	5	3	—	14	7
Nervous system—						
a. Epilepsy	—	—	—	—	1	—
b. Other	—	—	3	—	3	—
Psychological—						
a. Development ...	—	—	—	—	—	1
b. Stability	—	8	1	—	5	12
Abdomen	3	—	—	—	5	1
Other	8	18	8	6	37	37

TABLE III—*continued*

B. SPECIAL INSPECTIONS

Defect or Disease	Special Inspections	
	Requiring Treatment	Requiring Observation
Skin	76	5
Eyes—		
a. Vision	53	6
b. Squint	—	—
c. Other	77	23
Ears—		
a. Hearing... ..	—	1
b. Otitis Media	10	7
c. Other	35	2
Nose and Throat ...	8	3
Speech... ..	5	—
Lymphatic Glands ...	—	—
Heart	—	1
Lungs	1	2
Developmental—		
a. Hernia	—	—
b. Other	—	—
Orthopaedic—		
a. Posture	—	—
b. Feet	1	2
c. Other	17	1
Nervous system—		
a. Epilepsy	—	—
b. Other	—	—
Psychological—		
a. Development	—	—
b. Stability	2	—
Abdomen	2	2
Other	197	38

TABLE IV.

**TREATMENT OF PUPILS ATTENDING MAINTAINED
PRIMARY AND SECONDARY SCHOOLS
(INCLUDING SPECIAL SCHOOLS)**

GROUP 1.—EYE DISEASES, DEFECTIVE VISION AND SQUINT

	Number of cases known to have been dealt with	
	By the Authority	Otherwise
External and other, excluding errors of refraction and squint	76	5
Errors of refraction (including squint) ...	1064	25
Total ...	1140	30
Number of pupils for whom spectacles were prescribed	383	—

GROUP 2.—DISEASES AND DEFECTS OF EAR, NOSE AND THROAT

	Number of cases known to have been treated	
	By the Authority	Otherwise
Received operative treatment		
(a) for diseases of the ear	—	3
(b) for adenoids and chronic tonsillitis...	—	38
(c) for other nose and throat conditions	—	—
Received other forms of treatment ...	16	3
Total ...	16	44
Total number of pupils in schools who are known to have been provided with hearing aids		
(a) in 1957	—	—
(b) in previous years	—	3

GROUP 3.—ORTHOPAEDIC AND POSTURAL DEFECTS

	By the Authority	Otherwise
Number of pupils known to have been treated at clinics or out-patient departments	17	1

GROUP 4.—DISEASES OF THE SKIN

(excluding uncleanliness, for which see Table II.)

					Number of cases treated or under treatment during the year by the Authority
Ringworm—(i) Scalp	...	...	...		—
(ii) Body	...	...	...		10
Scabies	...	...	...	...	4
Impetigo	...	...	...	...	29
Other skin diseases	...	...	...		29
Total					72

GROUP 5.—CHILD GUIDANCE TREATMENT

Number of pupils treated at Child Guidance Clinics under arrangements made by the Authority	7
--	---

GROUP 6.—SPEECH THERAPY

Number of pupils treated by Speech Therapists under arrangements made by the Authority	34
---	----

GROUP 7.—OTHER TREATMENT GIVEN

(a) Number of cases of miscellaneous minor ailments treated by the Authority ...	260
(b) Pupils who received convalescent treatment under School Health Service arrangements	—
(c) Pupils who received B.C.G. vaccina- tion	426
(d) Other than (a) (b) and (c) above i. Catarrh, Sore throats, etc. ...	—

TABLE V.

DENTAL INSPECTION AND TREATMENT CARRIED OUT
BY THE AUTHORITY

(1)	Number of pupils inspected by the Authority's Dental Officers—		
(a)	Periodic age groups	...	2,920
(b)	Specials	...	5,028
	Total (1)	...	7,948
(2)	Number found to require treatment	...	5,459
(3)	Number referred for treatment	...	5,459
(4)	Number actually treated	...	3,357
(5)	Attendances made by pupils for treatment		6,202
(6)	Half-days devoted to : Inspection	...	21
	Treatment	...	732
	Total (6)	...	753
(7)	Fillings : Permanent Teeth	...	3,173
	Temporary Teeth	...	252
	Total (7)	...	3,425
(8)	Number of teeth filled: Permanent Teeth		2,815
	Temporary Teeth		191
	Total (8)	...	3,006
(9)	Extractions : Permanent Teeth	...	1,164
	Temporary Teeth	...	3,040
	Total (9)	...	4,204
(10)	Administration of general anaesthetics for extraction	...	2,162
(11)	Other operations : Permanent Teeth	...	162
	Temporary Teeth	...	9
	Total (11)	...	171

